## **Construction Dewatering Application Instructions**

• **Item 1- Permit Applicant:** Provide the company, corporation, individual (if applicable) and address who will be responsible for the permit. Specify whether the applicant is the property owner or contractor/operator. Identify a permit contact, include the contact's title, phone number and email address.

## • Item 2- Other Contact Information

- o **Property Owner:** If the applicant is different than the property owner, list the name of the property owner, mailing address, contact phone number and email address (if applicable).
- Operator
- o **DMR Contact** the individual DMR's (discharge monitoring report) will be sent to and who is authorized to sign the form.
- o Billing Contact

# • Item 3 - Permitted Project/Facility Information

- o Name of the project, plan, or development; this is often referred to as the 'facility'.
- Location of Construction/Dewatering Site: Provide the address of the construction/dewatering site. If the exact address is not available you may use an approximate address, the nearest intersection or boundary streets including directional identifiers (e.g., "South of 14th Avenue between Sherman St. and Logan St.", or "West side of C.R. 21, 3.25 miles North of Hwy 10") or other identifying information. A street name without an address, intersection, mile marker or other identifying information is not adequate.
- Facility Ownership
- Latitude/Longitude: For each discharge provide the discharge number (e.g., 001, 002, etc.) and the approximate center point of **each** discharge (see 10), to the nearest 15 seconds. If the exact location of the discharge is not known, provide the lat/long for the center point of the construction activity. The lat/long must be provided as decimal degrees with three decimal places. This information can be obtained from a variety of sources, including:
  - Various Websites: <a href="http://terraserver.microsoft.com">http://geocoder.us/</a>, or www.epa.gov/tri/reports/siting tool/index.htm
  - U.S Geological Survey topographical map, available at area map stores
  - Surveyors or engineers for the construction project should have, or be able to calculate this information
  - Using a Global Positioning System (GPS) unit
- Anticipated Construction/Dewatering Schedule: Provide the current estimated start date of construction dewatering and provide the length of time dewatering is anticipated to last.
- Type of Activity: Provide a description that indicates the general nature of the construction activities that are requiring the dewatering. Also describe if the dewatering discharge is from an open excavation, such as a trench or foundation, or from a groundwater lowering well.
- o Item 7- **Discharges to Ditches:** If the dewatering discharge is going to a ditch, check yes. Written permission from the owner of the ditch must be submitted with the application.
- ltem 8- **Discharges to Storm Sewers/Conveyances:** If the dewatering discharge is going to a storm sewer, check yes. The applicant must contact the owner of the storm sewer system to verify local ordinances and other requirements. Storm drainage systems are typically owned by the city or county they are located within, and therefore contacting the local city/county is the appropriate place to start.

## • Item 4- Discharge Information Table: The following information is required to be included:

- The number of discharge locations (outfalls). If there are more than 2 outfalls, attach a separate piece of paper.
- The name of the receiving water(s). If the discharge is to a ditch, identify the ditch and the ultimate receiving water(s). Receiving waters are any waters of the state of Colorado, even if the natural drainage is usually dry.
- The approximate descriptive location of the discharge. For example, "the dewatering will be discharged along a half mile stretch from Shawnee Rd to Porcupine Rd.", or "the dewatering discharge will enter the storm sewer located at 6th Avenue and Sheridan which flows to Bear Creek". If there is more than one known discharge, include this descriptive information for all known discharges.
- The flows expected (in gallons per minute or millions of gallons per day). You may estimate the flow contribution if no data is available.

### Item 5 – Location Map

This map is an area location map (attachment to the permit file), which must include construction site location and the approximate location of discharge(s) to the receiving water(s) listed in Item 10. The map must have a minimum scale of 1:24000 (the scale of a USGS 7.5 minute map). A legible submittal is required on paper 8 ½ by 11 inches.

### Item 6 - Detailed Sketch Map

This is a detailed location sketch showing the location of end of pipe dewatering discharge(s) at the site and structural Best Management Practices (BMPs) that will be used to treat the groundwater discharge, if known. You may either submit:

- a. The approximate location of each end of pipe dewatering discharge at the site (e.g. where the flow will be discharged from the pump or BMP), the BMP(s), and the sampling location(s); or
- b. If multiple dewatering locations will occur at the site as needed, such as may be the case for single family residential or utility construction, the construction site boundary for which all dewatering will occur within, and if known at the time of application, the approximate location of the potential end of pipe dewatering discharge at the site (e.g. where the flow will be discharges from the pump or BMP), the BMPs, and the sampling locations. A legible submittal is required on paper 8 ½ x 11 inches.

#### Item 7 Additional Information

- Potential Groundwater Contamination: Dewatering on/near Landfills, Mines, or Mill Tailings: If the dewatering project is located within one mile of a landfill, abandoned landfill, mine or mill tailings check yes. In addition, provide as much detail as possible regarding the extent of contamination and attach all sampling data. Indicate the location of the landfill, mine, etc. on the Location and Detail Maps.
  - Sampling Data: If the groundwater to be discharged has been analyzed for any parameters attach the sampling results to the application.
  - Contamination plume information can be obtained from the following source: http://www.cdphe.state.co.us/hm/HMSiteCover.htm
- Stormwater Permit for Construction Activities: If the applicant holds a stormwater permit for construction related activities (parcels ≥ 1 acre) include the stormwater permit number. If you have applied, or intend to apply but have not yet obtained coverage and your certification number, indicate "Pending" for this item.

# Signature of Applicant:

The person taking legal responsibility for the permit must sign the application. If both the owner of the parcel and the operator/contractor performing the dewatering activities are taking legal responsibility for the permit, both must sign the application. The application <u>must be signed</u> to be considered complete. In all cases, it shall be signed as follows:

- (a) In the case of corporations, by a principal executive officer of at least the level of vice-president or his or her duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the application originates.
- (b) In the case of a proprietorship, by a general partner.
- (c) In the case of a sole proprietorship, by the proprietor.
- (d) In the case of municipal, state, or other public facility, by either a principal executive officer, ranking elected official, or duly authorized employee.